Resource Summary Report

Generated by RRID on Aug 2, 2026

w[*] TI{w[+mW.hs]=TI}Ir8a[1]; Bl[1] L[2]/CyO

RRID:BDSC_41744
Type: Organism

Proper Citation

RRID:BDSC_41744

Organism Information

URL: https://n2t.net/bdsc:41744

Proper Citation: RRID:BDSC_41744

Description: Drosophila melanogaster with name w[*] TI{w[+mW.hs]=TI}Ir8a[1]; Bl[1] L[2]/CyO from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Richard Benton, University of Lausanne

Affected Gene: Bl, L, Ir8a, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 41744

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_41744, BL41744

Organism Name: w[*] TI{w[+mW.hs]=TI}Ir8a[1]; Bl[1] L[2]/CyO

Record Creation Time: 20240911T222657+0000

Record Last Update: 20260801T195307+0000

Ratings and Alerts

No rating or validation information has been found for w[*] TI{w[+mW.hs]=TI}Ir8a[1]; Bl[1] L[2]/CyO.

No alerts have been found for w[*] TI{w[+mW.hs]=TI}Ir8a[1]; Bl[1] L[2]/CyO.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Nhuchhen Pradhan R, et al. (2025) Cholesterol taste avoidance in Drosophila melanogaster. eLife, 14.

Shrestha B, et al. (2024) Pharyngeal neuronal mechanisms governing sour taste perception in Drosophila melanogaster. eLife, 13.

Pandey P, et al. (2024) Avoiding alkaline taste through ionotropic receptors. iScience, 27(6), 110087.

Long T, et al. (2024) Odorant receptor co-receptors affect expression of tuning receptors in Drosophila. Frontiers in cellular neuroscience, 18, 1390557.

Sang J, et al. (2024) A single pair of pharyngeal neurons functions as a commander to reject high salt in Drosophila melanogaster. eLife, 12.

Pradhan RN, et al. (2023) Molecular Basis of Hexanoic Acid Taste in Drosophila melanogaster. Molecules and cells, 46(7), 451.

Shrestha B, et al. (2023) The taste of vitamin C in Drosophila. EMBO reports, e56319.

Ali MZ, et al. (2023) Phenylacetaldehyde induced olfactory conditioning in Drosophila melanogaster (Diptera: Drosophilidae) larvae. Journal of insect science (Online), 23(6).

Li X, et al. (2023) Taste coding of heavy metal ion-induced avoidance in Drosophila. iScience, 26(5), 106607.

Aryal B, et al. (2022) Molecular and neuronal mechanisms for amino acid taste perception in the Drosophila labellum. Current biology : CB, 32(6), 1376.

Task D, et al. (2022) Chemoreceptor co-expression in Drosophila melanogaster olfactory neurons. eLife, 11.

Dhakal S, et al. (2021) Ionotropic receptors mediate nitrogenous waste avoidance in Drosophila melanogaster. Communications biology, 4(1), 1281.

Shrestha B, et al. (2021) Mechanisms of Carboxylic Acid Attraction in Drosophila melanogaster. Molecules and cells, 44(12), 900.

Vulpe A, et al. (2021) Ir76b is a Co-receptor for Amine Responses in Drosophila Olfactory Neurons. Frontiers in cellular neuroscience, 15, 759238.

Stanley M, et al. (2021) Mechanisms of lactic acid gustatory attraction in Drosophila. Current biology : CB, 31(16), 3525.

Abuin L, et al. (2019) In vivo assembly and trafficking of olfactory Ionotropic Receptors. BMC biology, 17(1), 34.

Tsao CH, et al. (2018) Drosophila mushroom bodies integrate hunger and satiety signals to control innate food-seeking behavior. eLife, 7.